

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
**William A. Hinton State Laboratory Institute**  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

Aaron Strojny, ADA

Bristol County District Attorney's Office  
By e-mail

May 11, 2011

Re: Comm. v. [REDACTED]

ADA Strojny,

Please find enclosed a discovery packet for the case noted above. The material is collated in the following manner:

- 1) the chemists' c.v.'s
- 2) the evidence office receipt to the Swansea Police
- 2) inventory control card for the submission
- 3) the bench notes on the "Drug Powder Analysis Forms"
- 4) the gas chromatography/mass spectrometry (gc/ms) data

I was the custodial chemist for this case, conducting the preliminary analysis of the submission. Ms. Khan performed the confirmatory tests on gas chromatography/ mass spectrometry (gc/ms). If you need further clarification of this material, please call me directly at (617) 983-6627.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Lawler".

Michael Lawler  
Senior Chemist

Cc: Charles Salemi, Annie Khan

## Curriculum Vitae

Michael Lawler

### Education:

University of Virginia, Charlottesville, Va. Bachelor of Arts in English, 1975

Harvard University, Cambridge, Ma. Master of Arts in biology, 1995

### Experience:

1990-present currently Chemist III, Mass. Dept. of Public Health, Drug Lab analyst determining the identity of unknown substances and providing expert testimony in the Courts. Conduct special testing for poisons within drug exhibits. Lab Safety Officer.

2005-2008 lecturer in chemistry, Curry College, Milton, Ma.

1988-1990 New England Newborn Screening (NENS) Biochemist conducting pilot studies and validation trials of new newborn screening tests. Investigator and co-author of papers noted below. Introduced screening test for Biotinidase Deficiency. Liaison with interstate collaborators in national studies.

1983-1988 Supervised NENS urine screening lab for metabolic disorders. Conducted research in collaboration with Children's Hospital (Boston) detecting neuroblastoma, a cancer of early childhood. Conducted reference testing for rare metabolic disorders for an international audience.

1982-1983 NENS hypothyroid assay technologist with Tuft's University

1979-1981 Mass. Bay Community College, staff technologist preparing materials for the laboratory technician program, which included reagents, apparatus and maintaining stock cultures of human pathogens.

### Additional education and special training

Drug Analysis, completed six week training course by senior staff within the

Department of Public Health Drug Analysis Laboratory

National Laboratory Network Training Program course as Expert Witness

Qualified as an expert witness in the Massachusetts Courts and the U.S. District Court

Current Drug Trends – Multijurisdictional Drug Task Force Academy

CDC course in antibiotic resistance CDC course in cell culture

CDC course in public health response to bioterrorism

U.S. Army course in biologic warfare and terrorism

### Journal Publications

Screening, 1992, 1:34-37; Lawler,M., Frederick,S., Rodriguez-Anza, S., Wolf,B., Levy,H., *Newborn Screening for Biotinidase Deficiency, Pilot Study and Follow-up of Identified Cases*

Genetic Screening, 1990, 11-18, Mitchell,M., Lawler,M., Walraven,C., Hermos,R., *To Screen or Not to Screen for Congenital Hyperplasia: Is that the Question?*

The Journal of Pediatrics, 116: 78-83, Secor-McVoy,J., Lawler,M., Schmidt, M., Ebers,D., Hart,P., Pettit,D., Blitzer,M., Wolf,B., *Partial Biotinidase Deficiency: Clinical and Biochemical Features*

### Professional Affiliations

Northeastern Association of Forensic Scientists (NEAFS) since 2005

### Awards

Theobald Smith Education Grant for graduate studies

## Curriculum Vitae

**Annie Khan (Dookhan)**

### **Education:**

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

### **Experience:**

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Responsible for the Quality Control/Quality Assurance program for the drug lab.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

### **Additional Training:**

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

### **Association:**

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

*The Commonwealth of Massachusetts*

*Executive Office of Health and Human Services*

*Department of Public Health*

*State Laboratory Institute*

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00


2:00 – 4:00

Amherst Hours

9:00 – 12:00

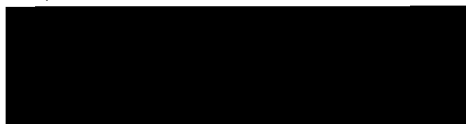
1:00 – 3:00

**DRUG RECEIPT**

City or Department: SWANSEA Police Reference No.: 

Name and Rank of Submitting Officer: Sgt Clifford Sadler

Defendant(s) Name (last, first, initial):



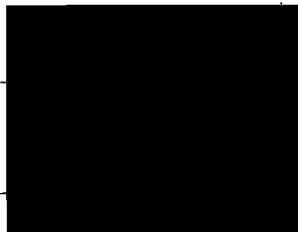
*To be completed by Submitter*


Description of Items Submitted

*To be completed by Lab Personnel*

Gross Weight

Lab Number

1 PKs Heroin	47.93g	
1 PKs Cocaine	136.08g	

Received by: 

Date: 8-26-10

No. [REDACTED] Date Analyzed: 09-03-10  
City: Swansea Police Dept.  
Officer: Sergeant CLIFFORD SADLER  
Def: [REDACTED]  
Amount: 2 Subst: SUB  
No. Cont: 2 Cont: pb  
Date Rec'd: 08/26/2010  
Gross Wt.: 47.93 ✓  
No. Analyzed: 2  
Net Weight: 38.77g  
# Tests: 10 ML  
• 4 ASD  
Prelim: Heroin Findings: Heroin

No. [REDACTED] Date Analyzed: 09-03-10  
City: Swansea Police Dept.  
Officer: Sergeant CLIFFORD SADLER  
Def: [REDACTED]  
Amount: Subst: SUB  
No. Cont: 1 Cont: pb  
Date Rec'd: 08/26/2010  
Gross Wt.: 136.08 ✓  
No. Analyzed: 1  
Net Weight: 121.76g  
# Tests: 9 ML  
• 2 ASD  
Prelim: Cocaine Findings: Cocaine

GCMSB  
G0901105

GCMSB  
G0901105

9-3-10

NCY

2

Evidence Wt.

47.93

PHYSICAL DESCRIPTION:

opening submission reveals  
2 packages of sub { #1 sandwich bag w/sub  
#2 dbl ziplock bags  
w/sub

Gross Wt ( ): \_\_\_\_\_

1.9269

Gross Wt (2):

42.1331

**Pkg. Wt:**

**Net Wt:**

38,772

CHAM 2334 8-27-10

$$\#1 \text{ nf} = 0,5406$$

#2 net = 38.23%

38,772

$$20x = 20,000 \text{ kg}$$

$W_f = 10,000 \text{ g}$

$$5x = 4.9998g$$

19 - 2 22222

## Spot Tests

Cobalt  
Thiocyanate

**Marquis**

**Froehde's**

**Mecke's**

$$0 \times 2$$

①



A

### Microcrystalline Tests

Gold  
Chloride

TLTA ( )

## OTHER TESTS

## RESULTS

DATE \_\_\_\_\_

## RESULTS

MS

OPERATOR

DATE \_\_\_\_\_

heron

ASD

9-3-10

9-3-10

DRUG POWDER ANALYSIS FORM

SAMPLE [REDACTED] AGENCY Swansea ANALYST Mr  
No. of samples tested: 1 [REDACTED] Evidence Wt. 136.08

PHYSICAL DESCRIPTION:

zip lock bag w/ substance

Gross Wt ( ): 132.18  
Gross Wt ( ): \_\_\_\_\_  
Pkg. Wt: \_\_\_\_\_  
Net Wt: 121.76

AND 5232964 8-27-10

20g = 20.00g  
10g = 10.00g  
5g = 5.01g  
1g = 1.00g

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate ( + )  
Marquis ( - )  
Froehde's ( - )  
Mecke's ( - )

Microcrystalline Tests

Gold Chloride ( + )  
TLTA ( ) ( + )

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS \_\_\_\_\_  
DATE \_\_\_\_\_

GC/MS CONFIRMATORY TEST

RESULTS Cocaine  
MS OPERATOR Asp  
DATE 9-3-10

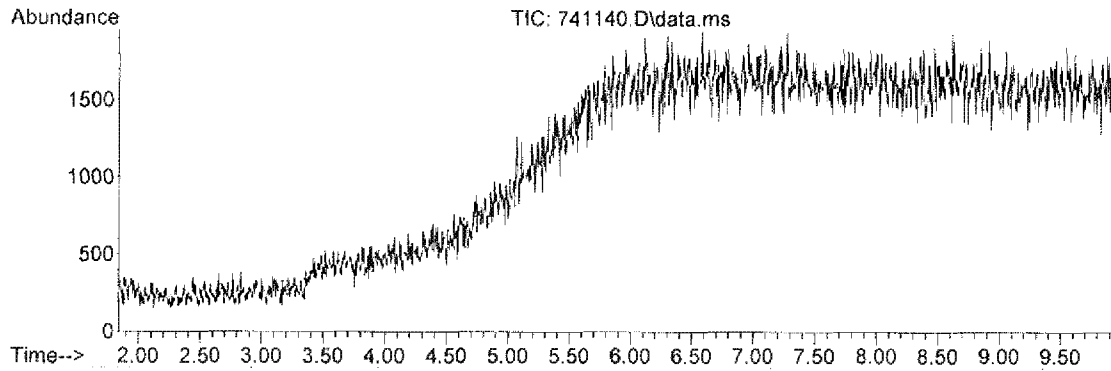


Area Percent / Library Search Report

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File Name : F:\Q3-2010\System7\09\_01\_10\741140.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 15:34  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

✓ ASD  
5-11-11

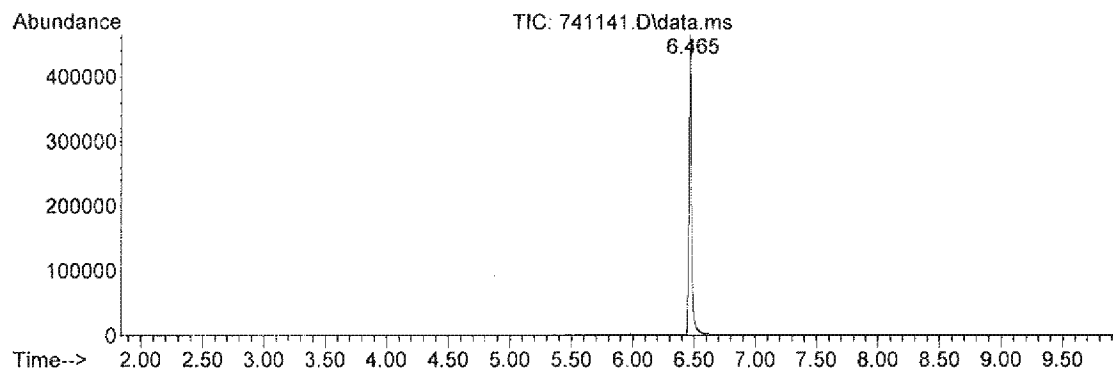


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741141.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 15:47  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 41  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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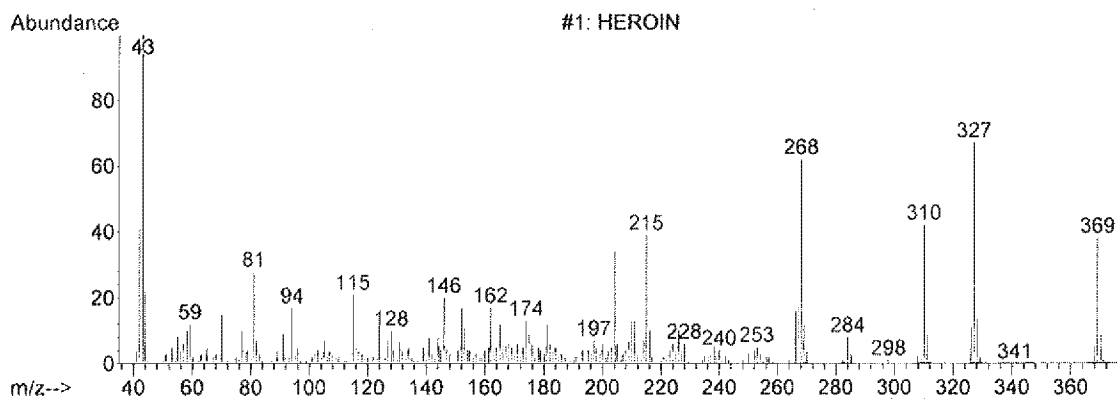
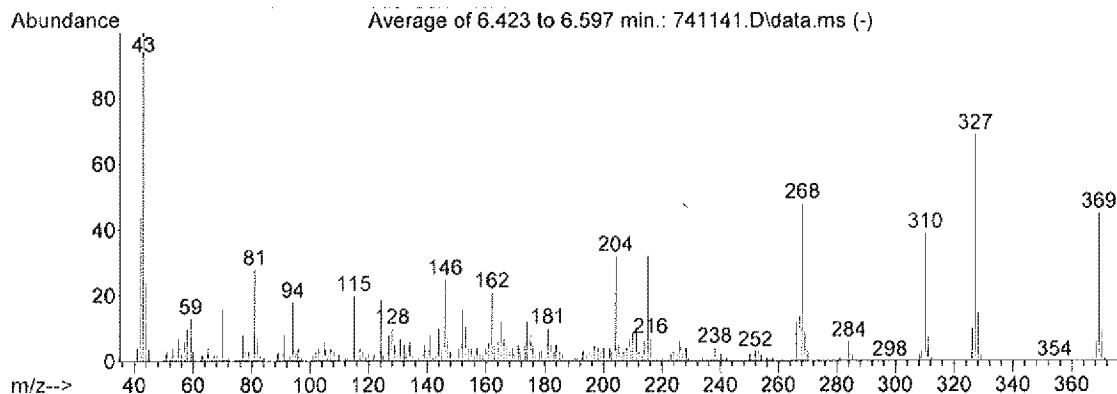
6.465	683017	100.00	100.00
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## Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741141.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 15:47  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 41  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

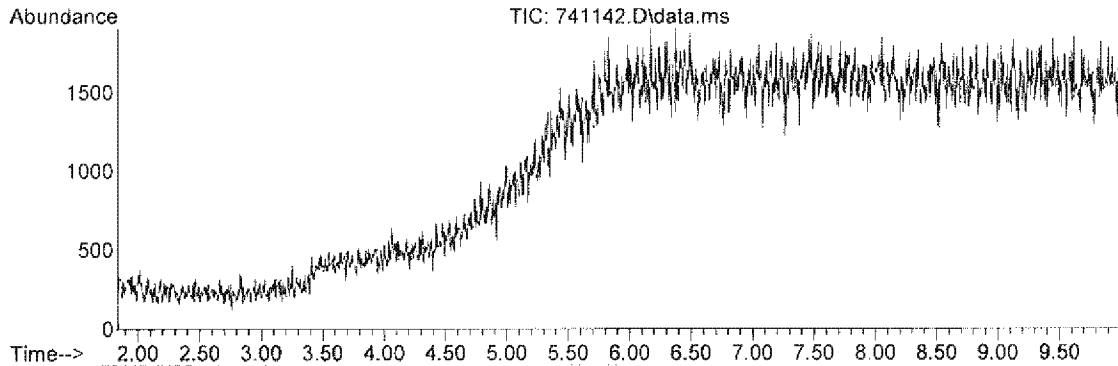
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.47	C:\Database\SLI.L HEROIN	000561-27-3	99



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File Name : F:\Q3-2010\System7\09\_01\_10\741142.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 15:59  
Sample Name : BLANK  
Submitted by : MGL  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

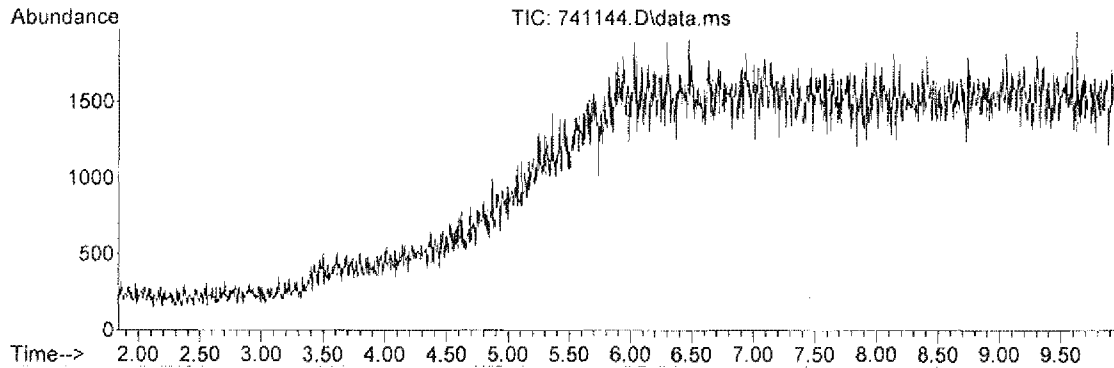


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

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Operator : ASD  
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Sample Name : BLANK  
Submitted by : MGL  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



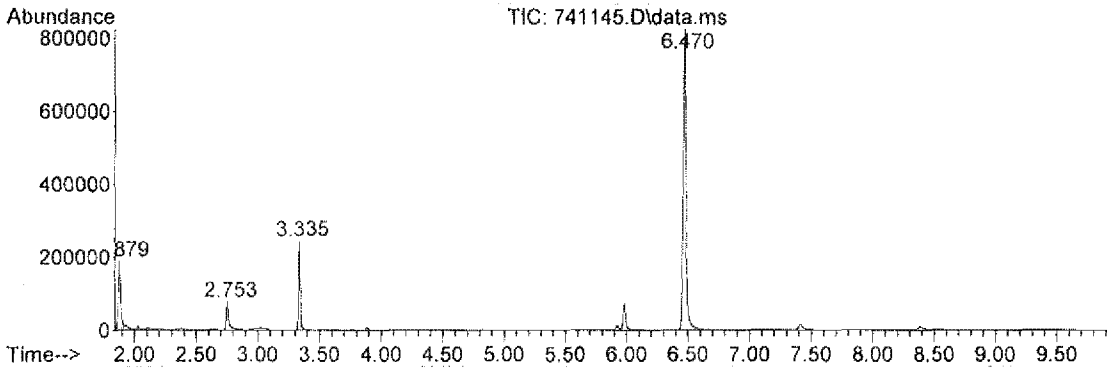
Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\System7\09\_01\_10\741145.D  
 Operator : ASD  
 Date Acquired : 1 Sep 2010 16:37  
 Sample Name : XXXXXXXXXX  
 Submitted by : MGL  
 Vial Number : 45  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
1.879	243503	12.76	18.73
2.753	120915	6.34	9.30
3.335	243334	12.76	18.72
6.470	1299890	68.14	100.00

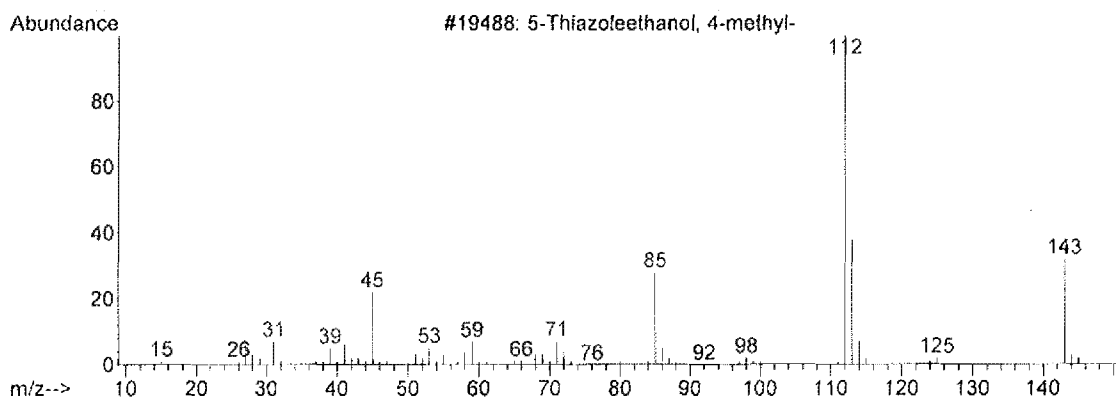
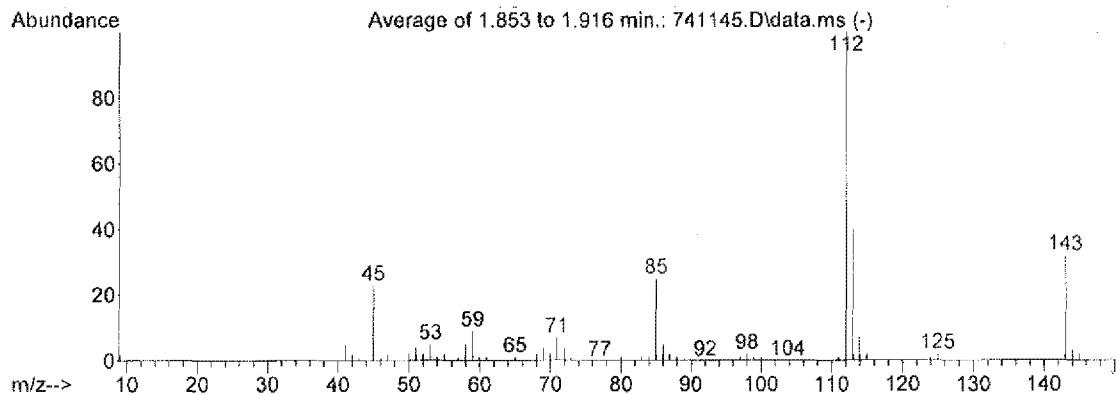
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 Sample Name : XXXXXXXXXX  
 Submitted by : MGL  
 Vial Number : 45  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.88	C:\Database\NIST05a.L		
		5-Thiazoleethanol, 4-methyl-	000137-00-8	96
		5-Thiazoleethanol, 4-methyl-	000137-00-8	94
		5-Thiazoleethanol, 4-methyl-	000137-00-8	93

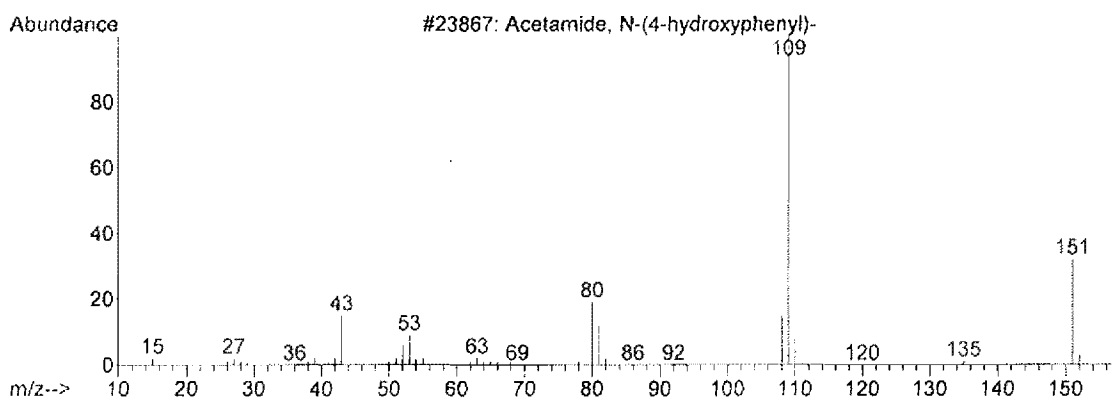
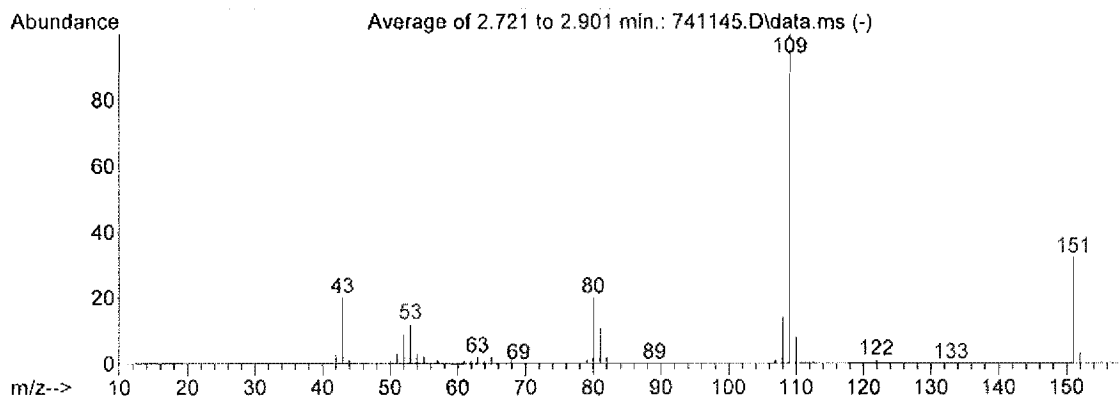


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Date Acquired : 1 Sep 2010 16:37  
Sample Name : XXXXXXXXXX  
Submitted by : MGL  
Vial Number : 45  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.75	C:\Database\NIST05a.L		
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	95
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	94
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	94



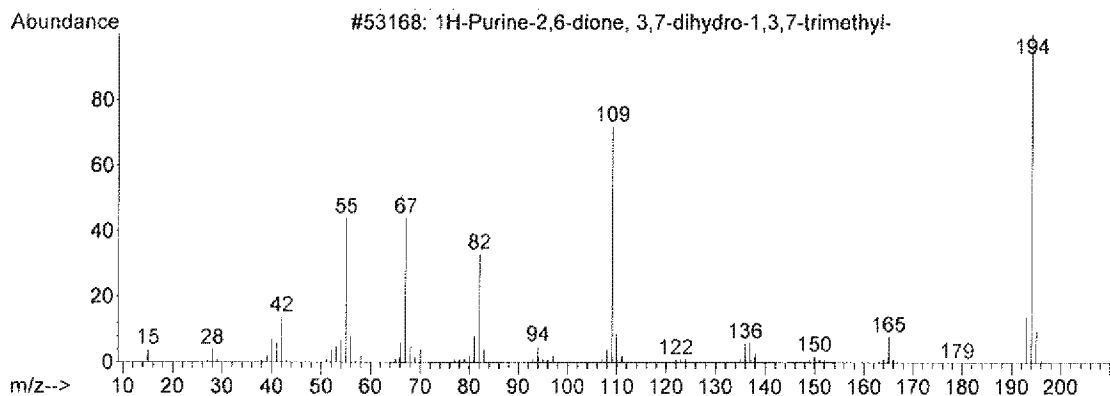
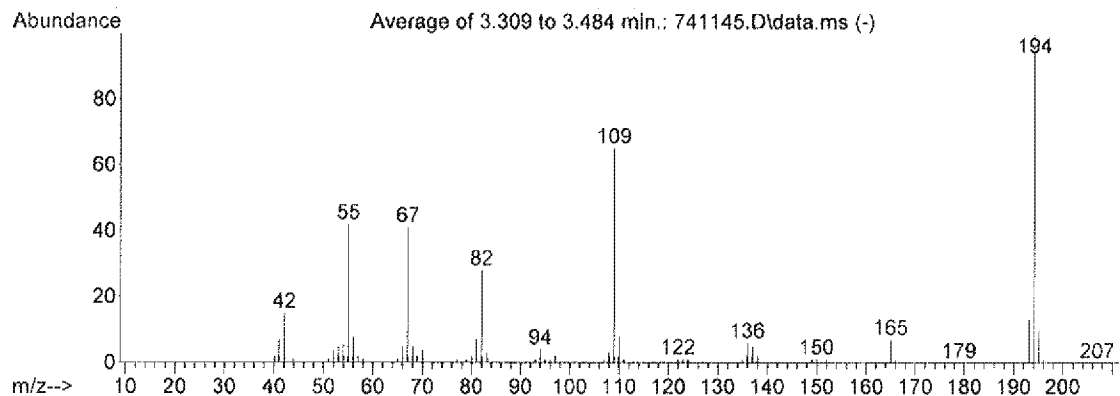


## Information from Data File:

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Date Acquired : 1 Sep 2010 16:37  
Sample Name : XXXXXXXXXX  
Submitted by : MGL  
Vial Number : 45  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	3.34	C:\Database\NIST05a.L		
		1H-Purine-2,6-dione, 3,7-dihydro-1,	000058-08-2	98
		1H-Purine-2,6-dione, 3,7-dihydro-1,	000058-08-2	98
		1H-Purine-2,6-dione, 3,7-dihydro-1,	000058-08-2	96



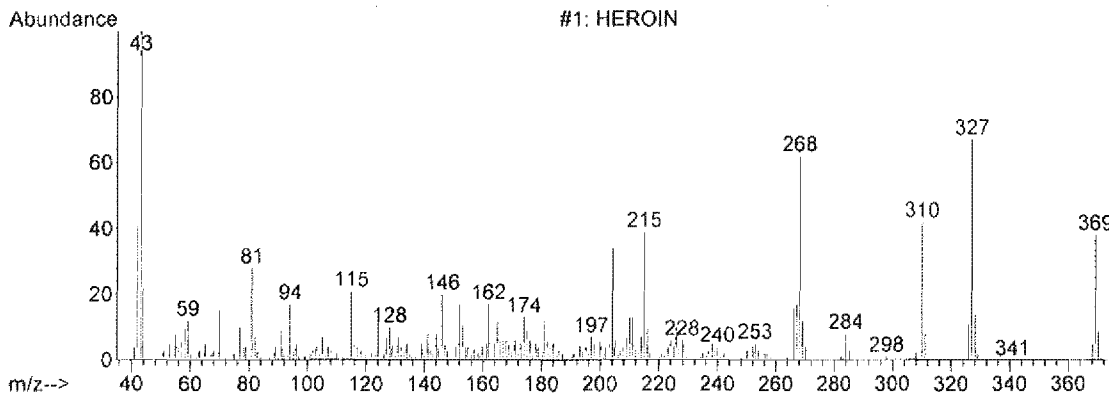
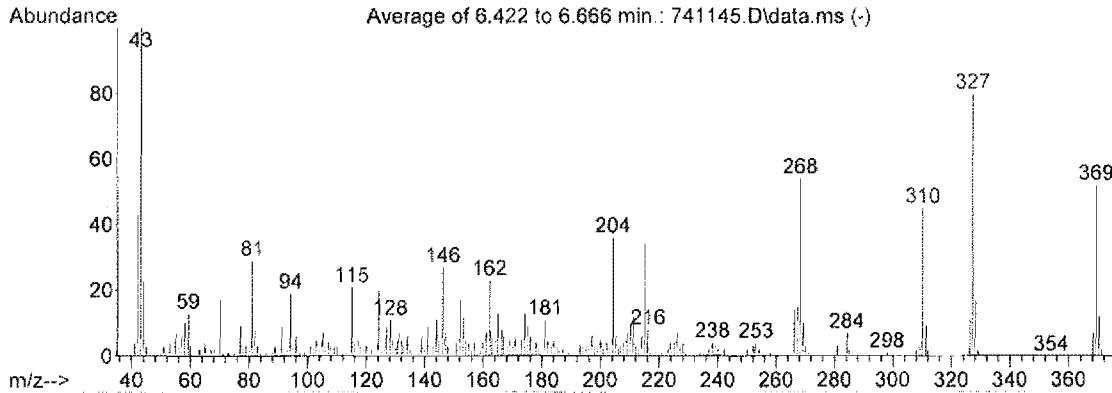
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 Submitted by : MGL  
 Vial Number : 45  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

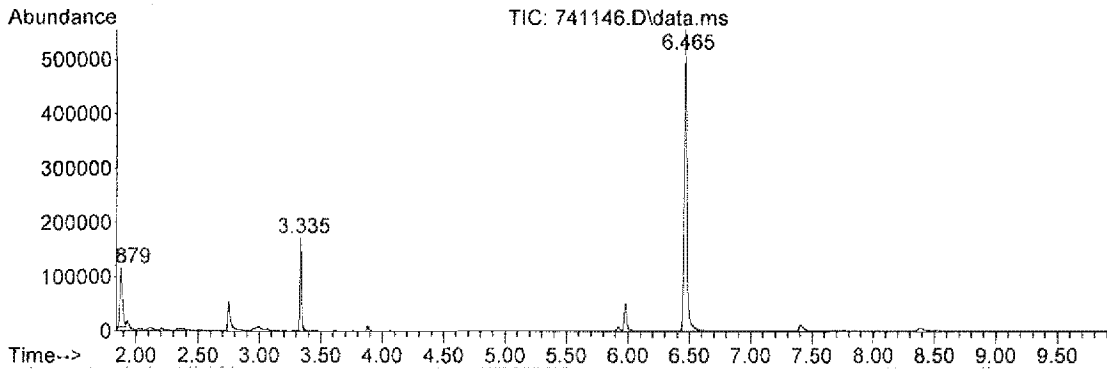
PK#	RT	Library/ID	CAS#	Qual
4	6.47	C:\Database\SLI.L HEROIN	000561-27-3	99



# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\System7\09\_01\_10\741146.D  
 Operator : ASD  
 Date Acquired : 1 Sep 2010 16:50  
 Sample Name : XXXXXXXXXX  
 Submitted by : MGL  
 Vial Number : 46  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



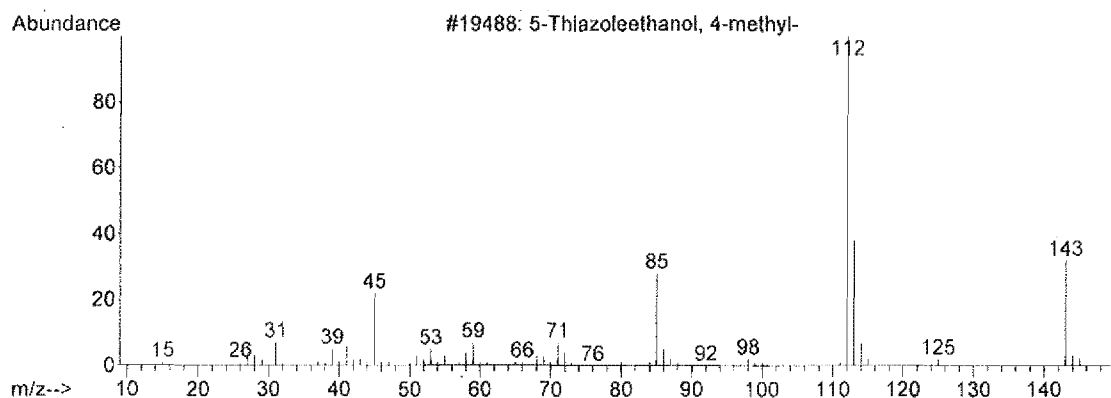
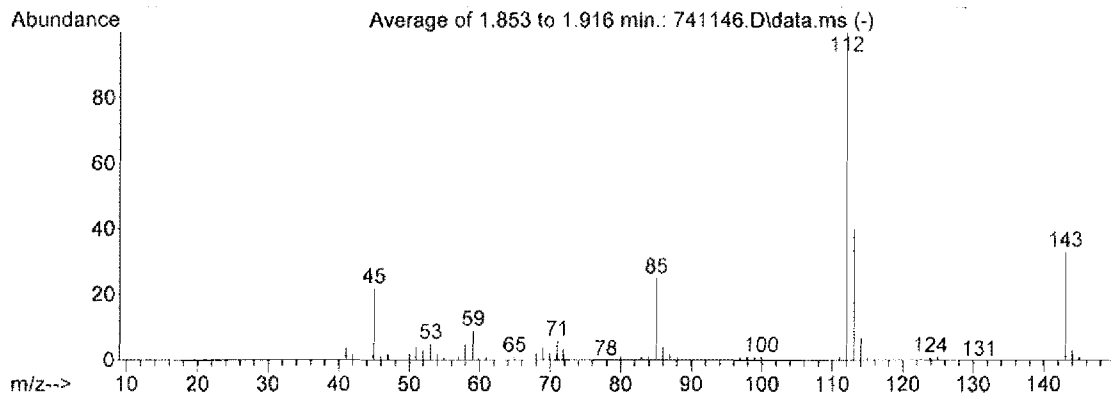
Ret. Time	Area	Area %	Ratio %
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3.335	169324	14.36	19.93
6.465	849616	72.03	100.00

## Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741146.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 16:50  
Sample Name : XXXXXXXXXX  
Submitted by : MGL  
Vial Number : 46  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.88	C:\Database\NIST05a.L		
		5-Thiazoleethanol, 4-methyl-	000137-00-8	96
		5-Thiazoleethanol, 4-methyl-	000137-00-8	93
		5-Thiazoleethanol, 4-methyl-	000137-00-8	91



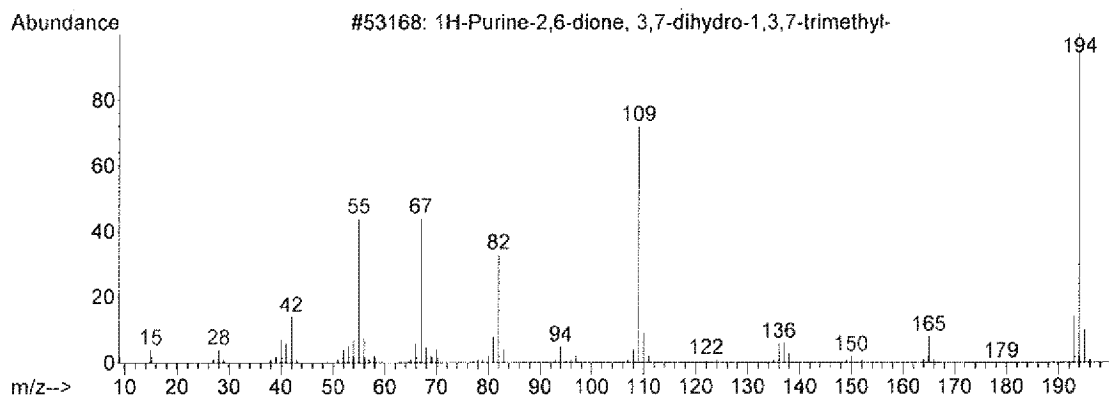
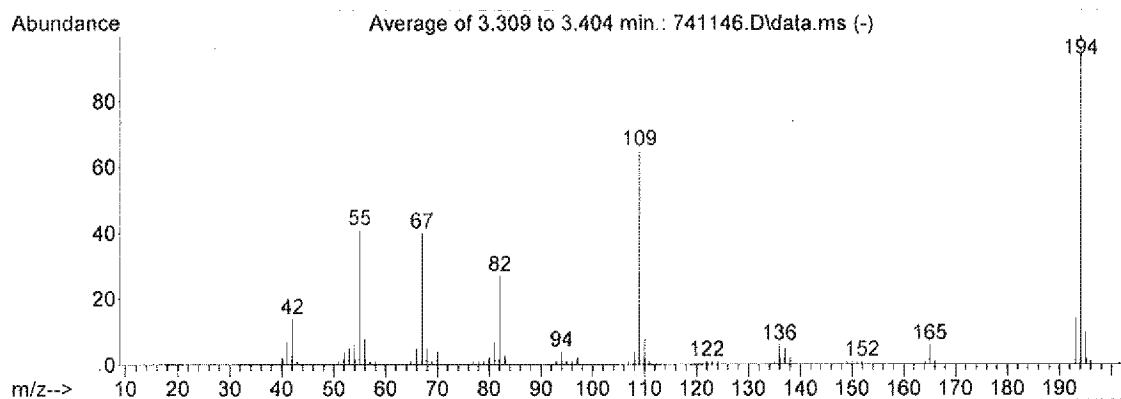
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**Information from Data File:**

File Name : F:\Q3-2010\System7\09\_01\_10\741146.D  
 Operator : ASD  
 Date Acquired : 1 Sep 2010 16:50  
 Sample Name : XXXXXXXXXX  
 Submitted by : MGL  
 Vial Number : 46  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.34	C:\Database\NIST05a.L		
		1H-Purine-2,6-dione, 3,7-dihydro-1,	000058-08-2	98
		1H-Purine-2,6-dione, 3,7-dihydro-1,	000058-08-2	98
		1H-Purine-2,6-dione, 3,7-dihydro-1,	000058-08-2	96



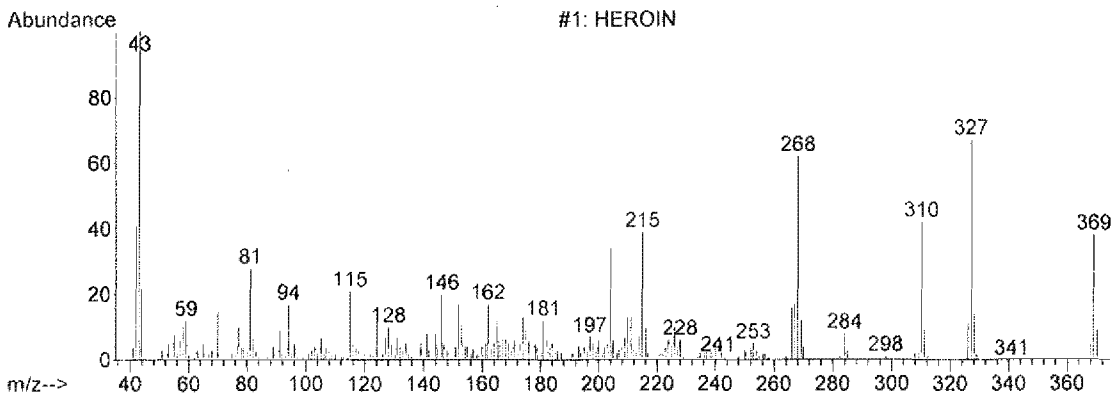
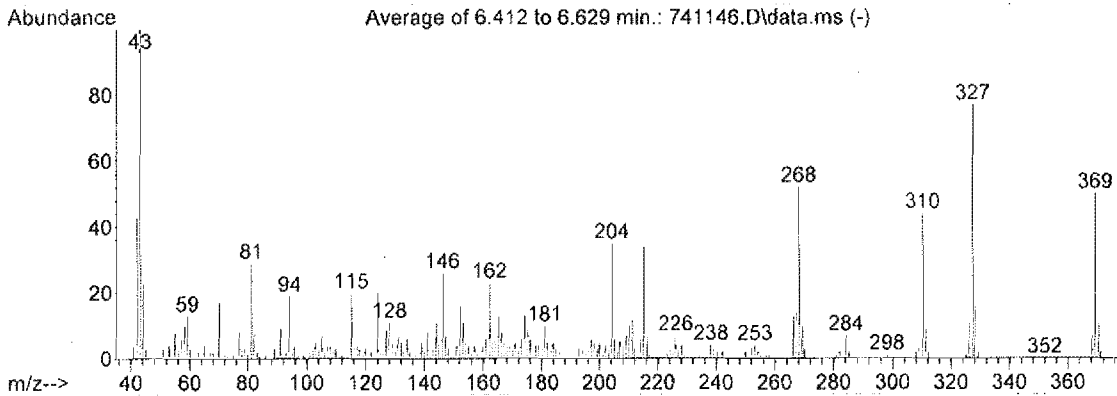
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\System7\09\_01\_10\741146.D  
 Operator : ASD  
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 Sample Name : XXXXXXXXXX  
 Submitted by : MGL  
 Vial Number : 46  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

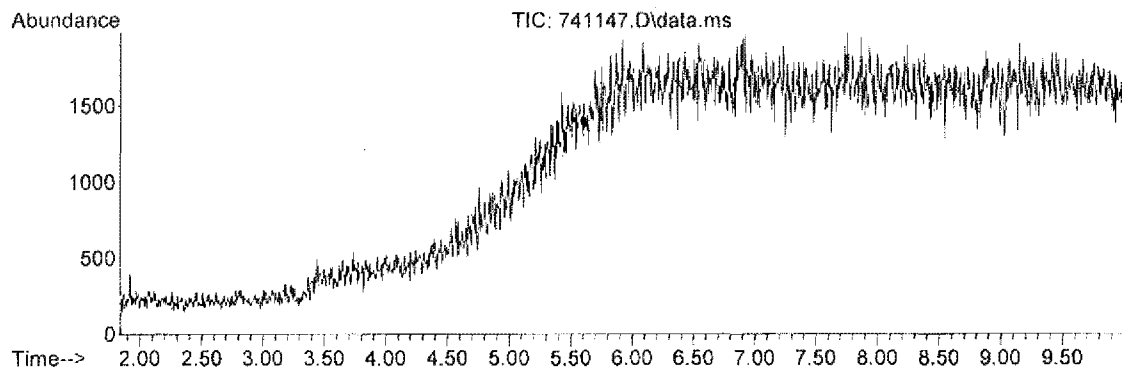
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.46	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741147.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 17:02  
Sample Name : BLANK  
Submitted by : DJR  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

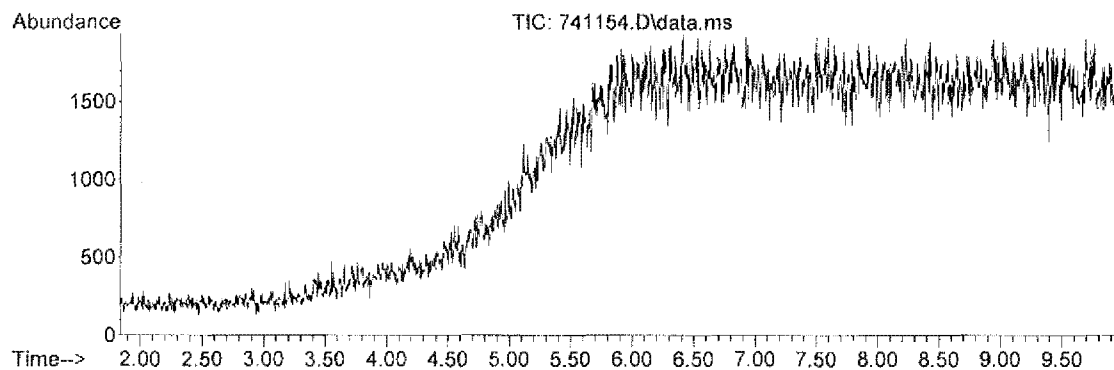
# Area Percent / Library Search Report

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Operator : ASD  
Date Acquired : 1 Sep 2010 18:31  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*



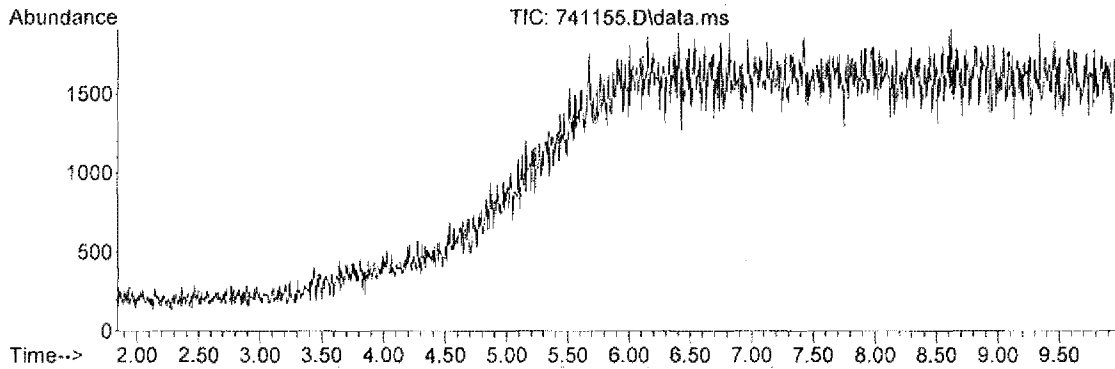
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741155.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 18:43  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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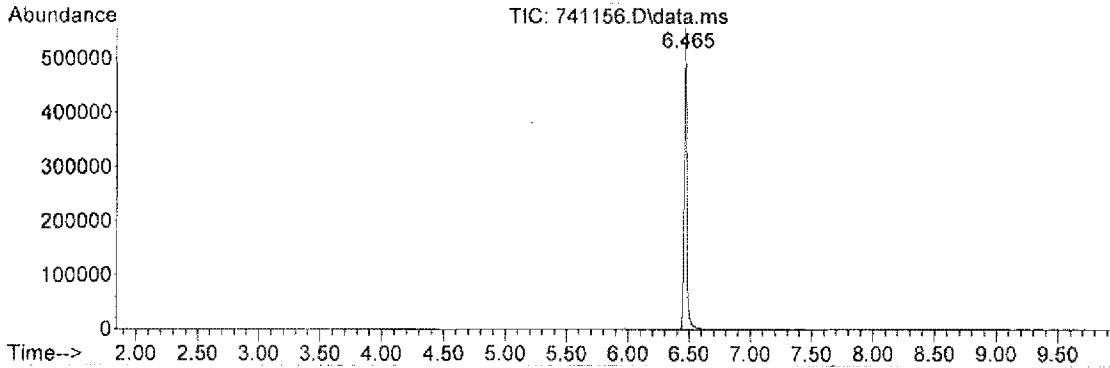
Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741156.D  
 Operator : ASD  
 Date Acquired : 1 Sep 2010 18:56  
 Sample Name : HEROIN STD  
 Submitted by :  
 Vial Number : 56  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.465	830308	100.00	100.00

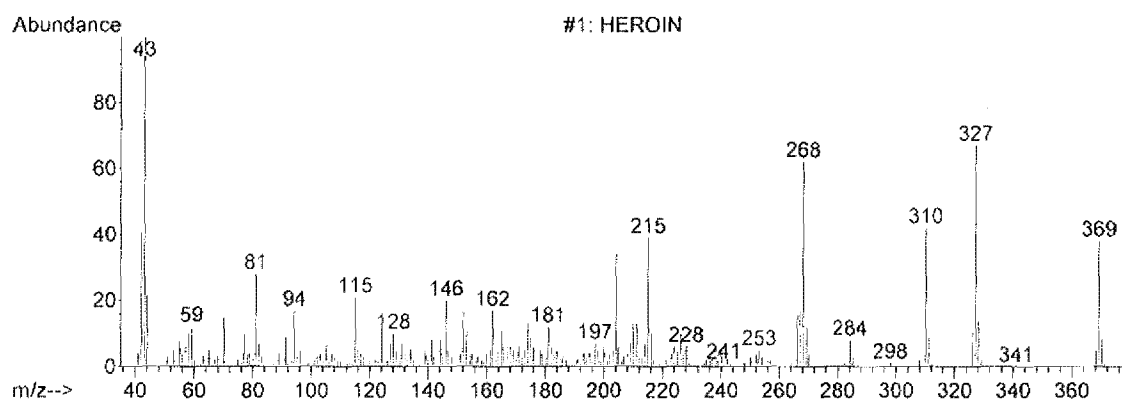
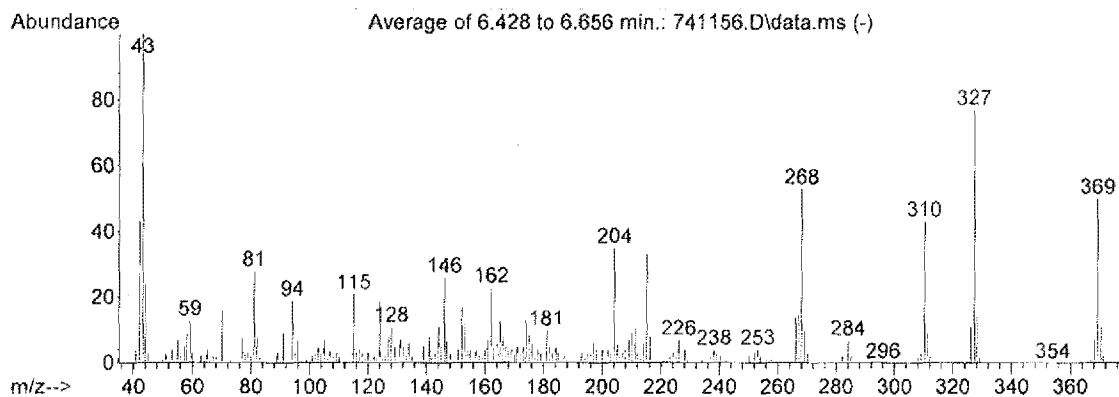
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\System7\09\_01\_10\741156.D  
 Operator : ASD  
 Date Acquired : 1 Sep 2010 18:56  
 Sample Name : HEROIN STD  
 Submitted by :  
 Vial Number : 56  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.47	C:\Database\SLI.L HEROIN	000561-27-3	99



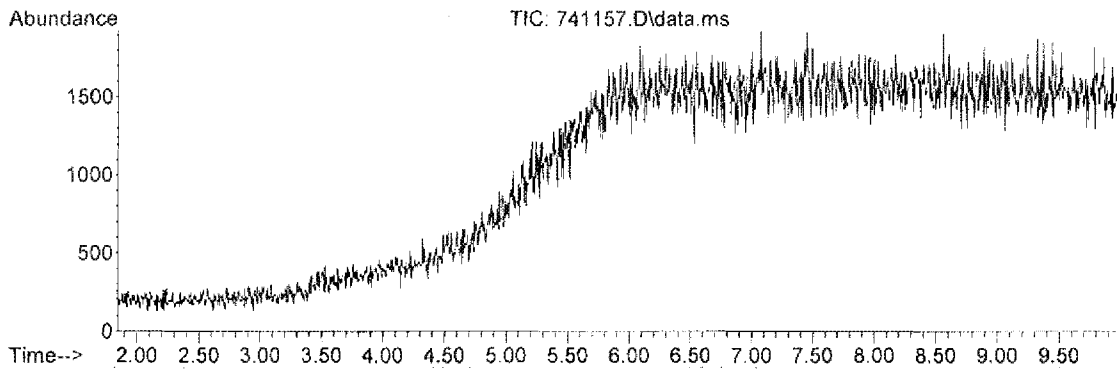
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741157.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 19:09  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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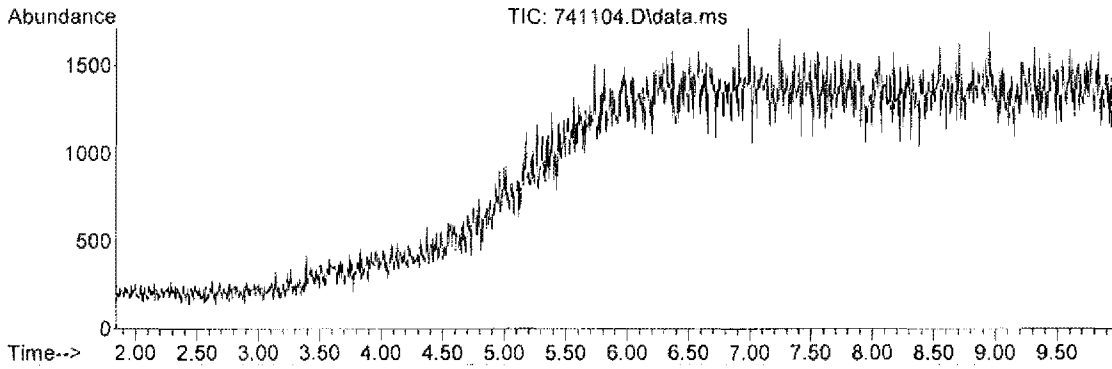
\*\*\*NO INTEGRATED PEAKS\*\*\*

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741104.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 8:01  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

✓ ASD  
5-11-11



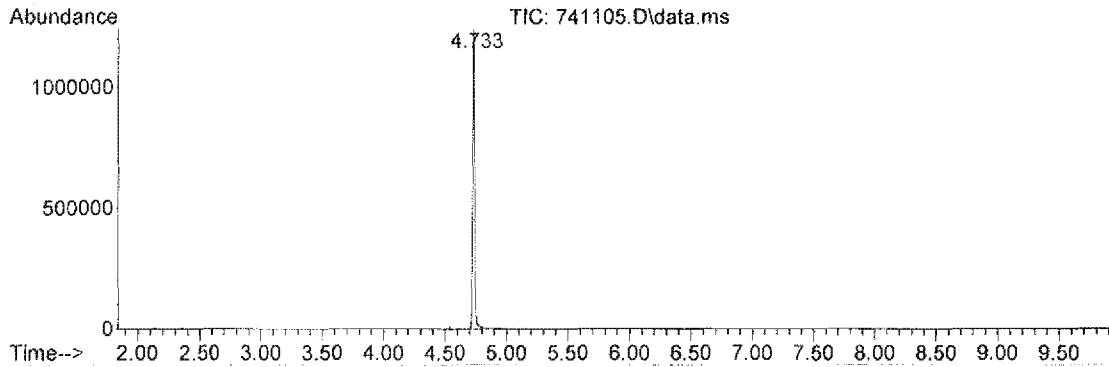
Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741105.D  
 Operator : ASD  
 Date Acquired : 1 Sep 2010 8:13  
 Sample Name : COCAINE STD  
 Submitted by :  
 Vial Number : 5  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.733	1278365	100.00	100.00

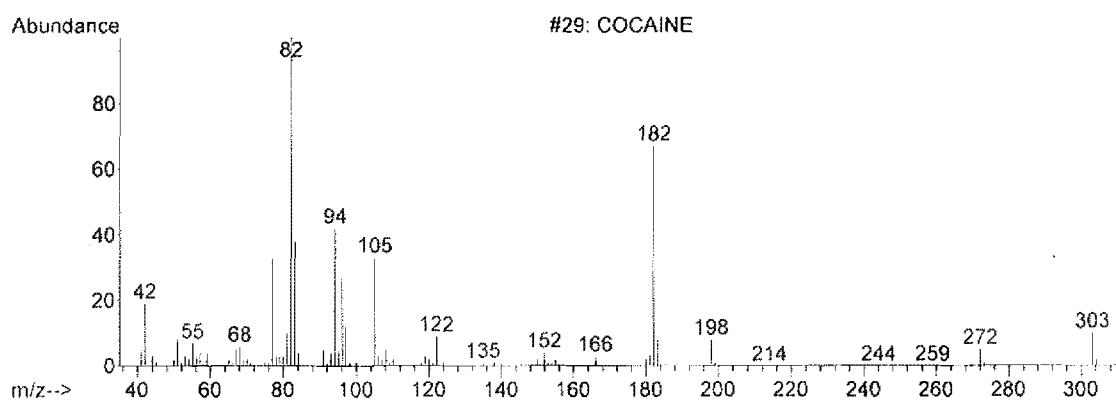
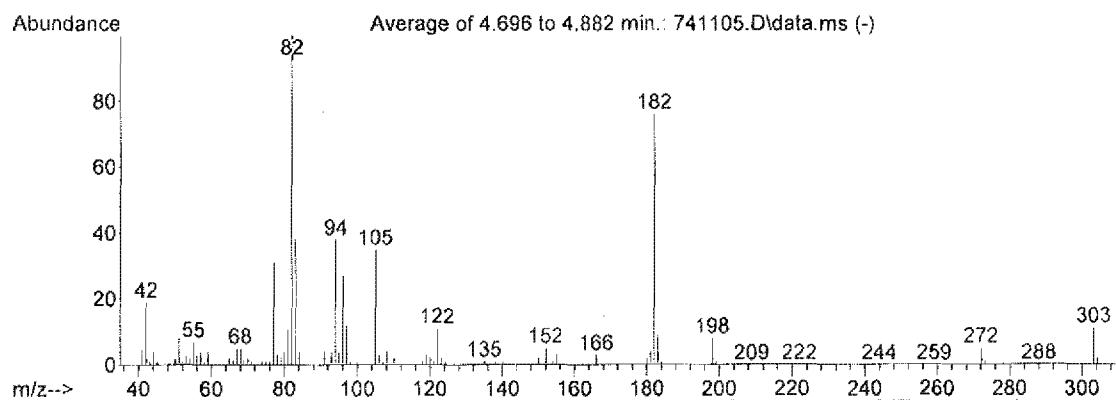
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\System7\09\_01\_10\741105.D  
 Operator : ASD  
 Date Acquired : 1 Sep 2010 8:13  
 Sample Name : COCAINE STD  
 Submitted by :  
 Vial Number : 5  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\Database\SLI.L COCAINE	000050-36-2	99



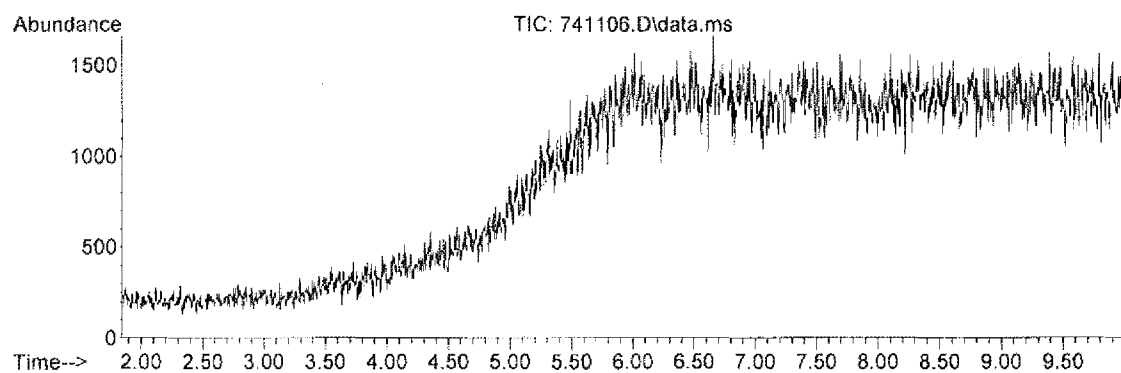
# Area Percent / Library Search Report

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## Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741106.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 8:26  
Sample Name : BLANK  
Submitted by : DCS  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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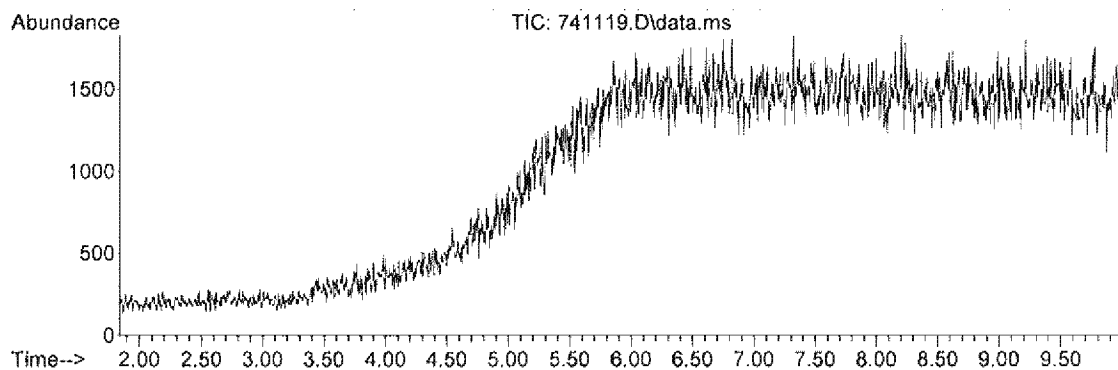
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\*\*\*NO INTEGRATED PEAKS\*\*\*



## Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741119.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 11:10  
Sample Name : BLANK  
Submitted by : MGL  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

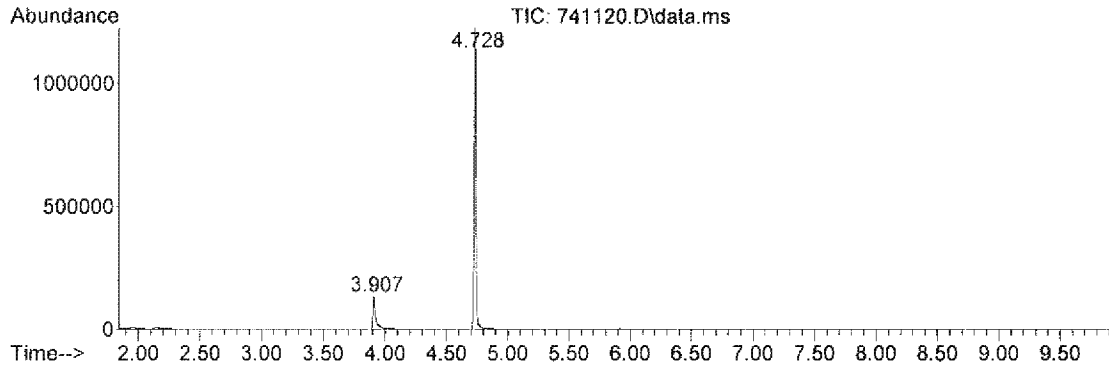


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741120.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 11:22  
Sample Name : XXXXXXXXXX  
Submitted by : MGL  
Vial Number : 20  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



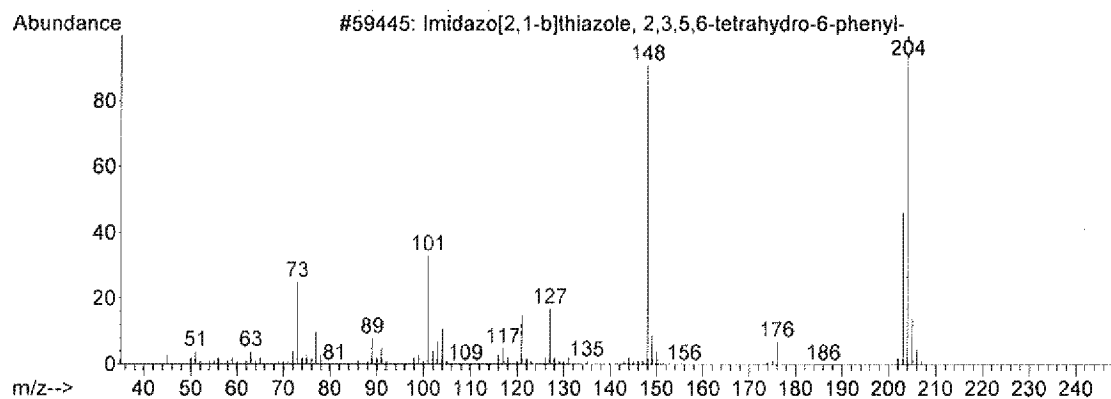
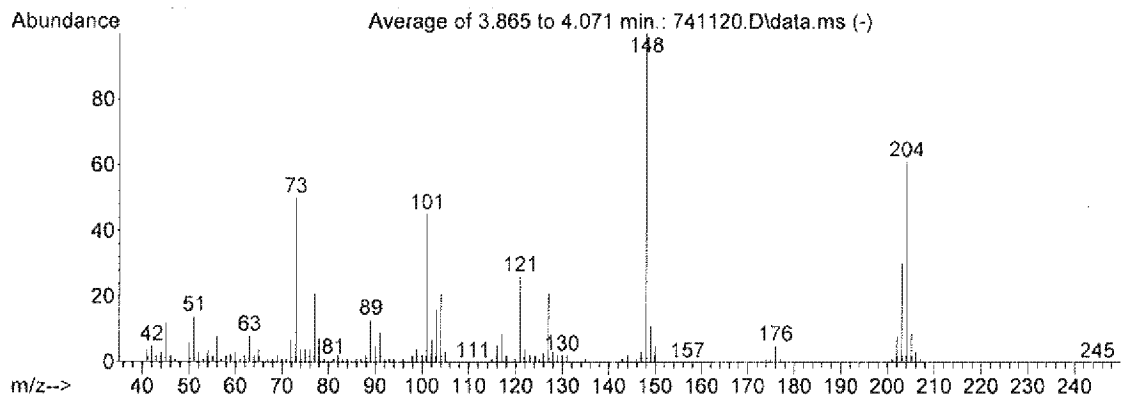
Ret. Time	Area	Area %	Ratio %
3.907	218276	15.05	17.72
4.728	1231958	84.95	100.00

## Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741120.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 11:22  
Sample Name : XXXXXXXXXX  
Submitted by : MGL  
Vial Number : 20  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.91	C:\Database\NIST05a.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97

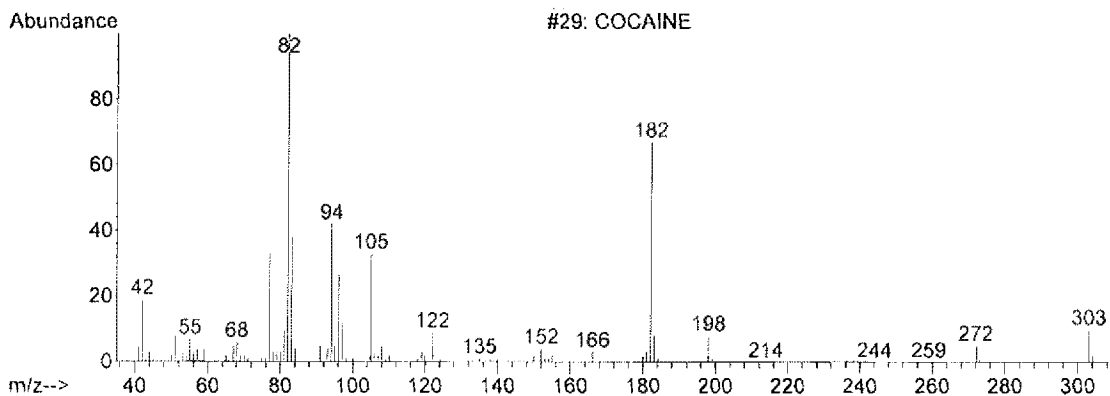
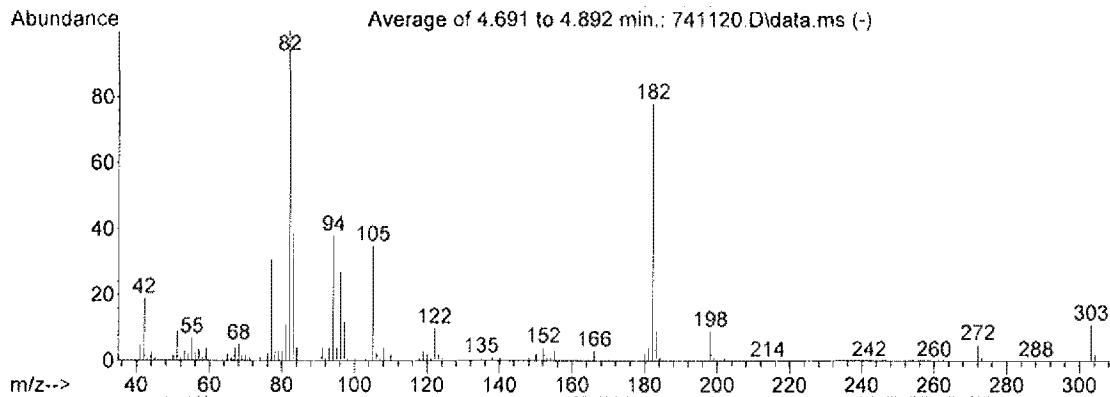


## Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741120.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 11:22  
Sample Name : XXXXXXXXXX  
Submitted by : MGL  
Vial Number : 20  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

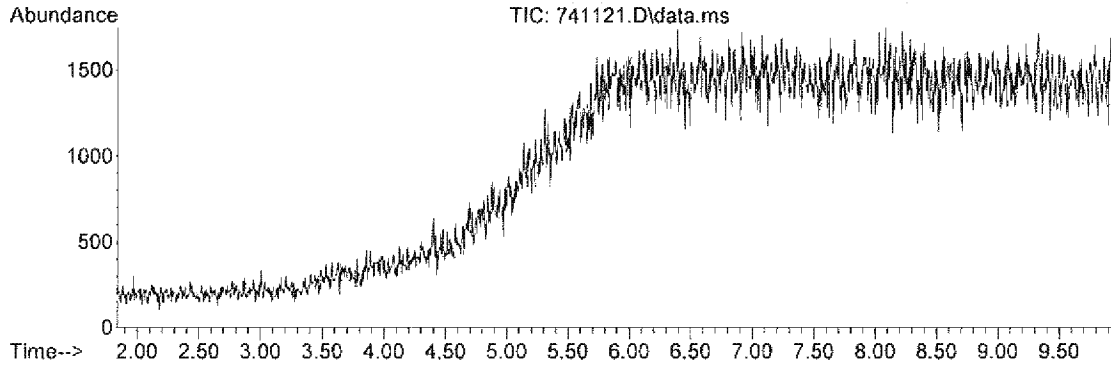
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.73	C:\Database\SLI.L COCAINE	000050-36-2	99



## Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741121.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 11:35  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

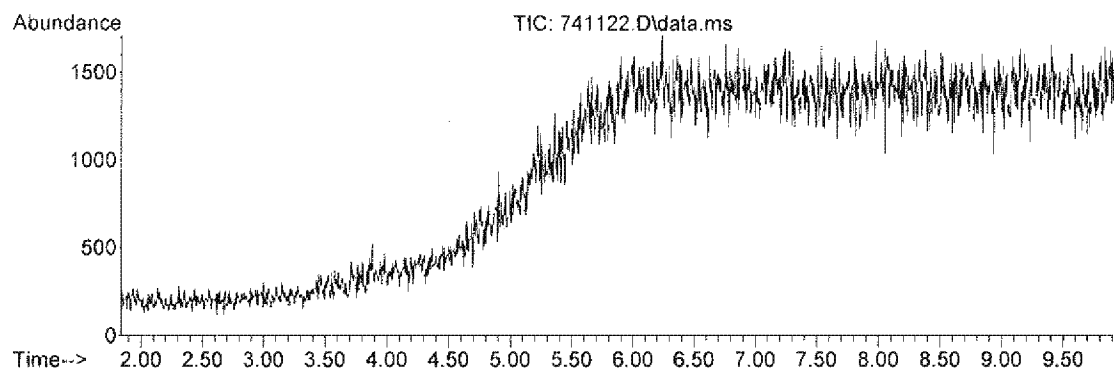


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741122.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 11:47  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



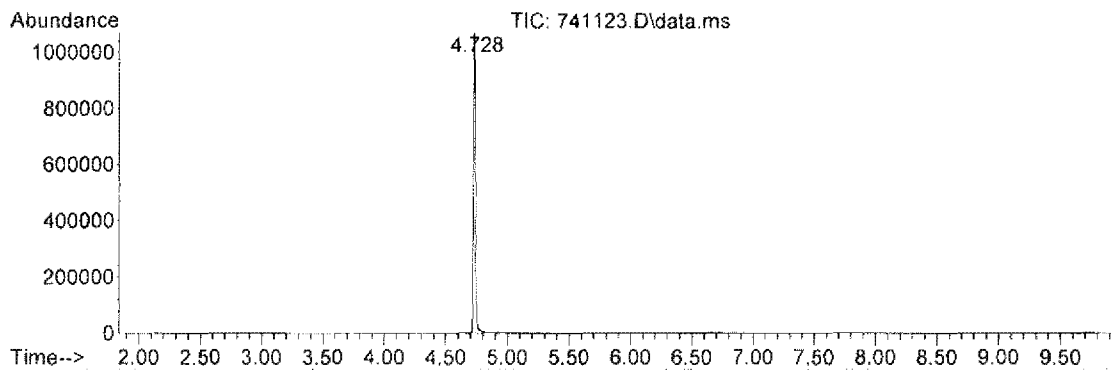
Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\System7\09\_01\_10\741123.D  
 Operator : ASD  
 Date Acquired : 1 Sep 2010 12:00  
 Sample Name : COCAINE STD  
 Submitted by :  
 Vial Number : 23  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.728	1080964	100.00	100.00

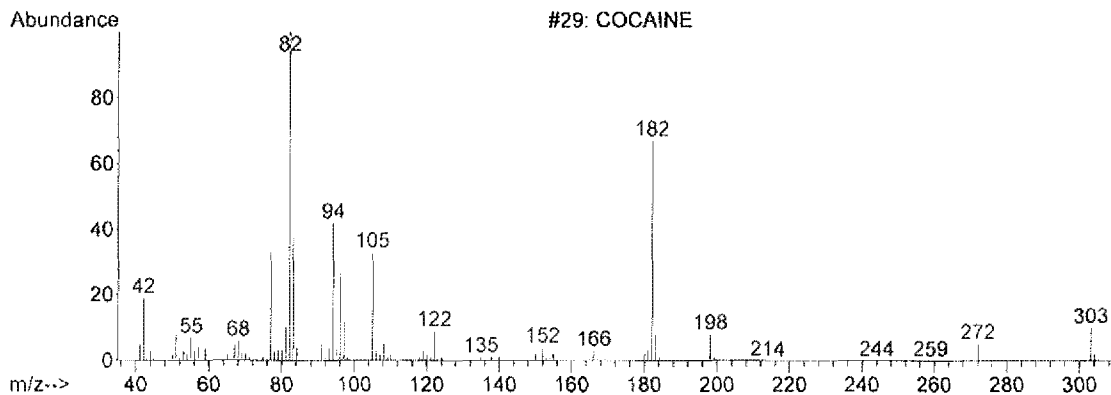
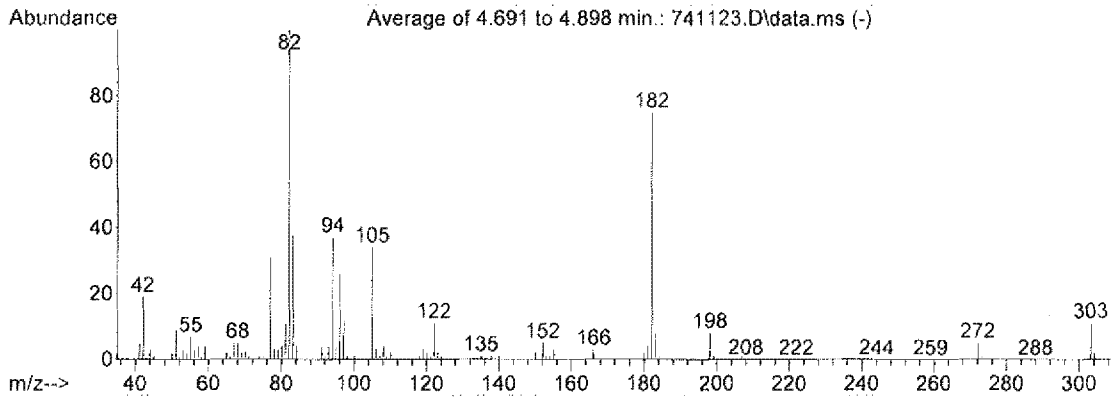
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\System7\09\_01\_10\741123.D  
 Operator : ASD  
 Date Acquired : 1 Sep 2010 12:00  
 Sample Name : COCAINE STD  
 Submitted by :  
 Vial Number : 23  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

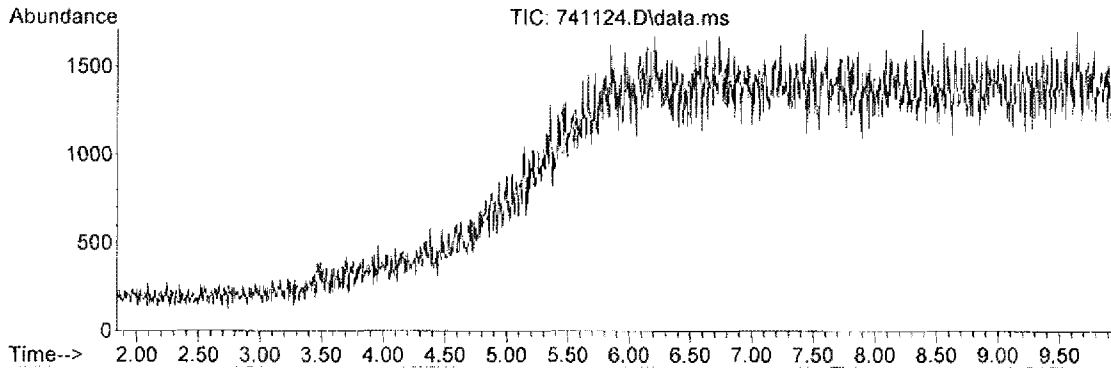
PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\Database\SLI.L COCAINE	000050-36-2	99





## Information from Data File:

File Name : F:\Q3-2010\System7\09\_01\_10\741124.D  
Operator : ASD  
Date Acquired : 1 Sep 2010 12:13  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

***Last page.....no further data***